

**Notice of Allowability**

Application No.

09/885,366

Examiner

Li B. Zhen

Applicant(s)

STALL, JEFFREY E.

Art Unit

2194

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response filed 1/25/2005 and interview on 6/9/2005.
2. ☒ The allowed claim(s) is/are 3-9, 13, 14 and 21-27, renumbered as claims 1-16.
3. ☒ The drawings filed on 6/20/01 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 6/9/2005.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
MENGAL T. AM  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Clint J. Feekes on 6/9/2005.

The application has been amended as follows:

- I. Cancel claims 1-2, 10-12 and 19-20; and
- II. Replace claims 3, 13 and 21 with the following:

3. A computer implemented method for hosting a legacy user interface object originally intended for use in a windows-based legacy window manager in a windows-based new window manager, comprising:

providing a software bridge between said legacy window manager and said legacy user interface object that allows said legacy user interface object to operate in a computer that includes said new window manager and said legacy window manager;

intercepting a message at said software bridge intended for said legacy user interface object;

Art Unit: 2194

determining whether said message should be forwarded to said legacy window manager;

in response to determining that said message should be forwarded to said legacy window manager, forwarding said message to said legacy window manager; and

in response to determining that said message should not be forwarded to said legacy window manager, forwarding said message to a procedure originally intended to handle said message and wherein forwarding said message comprises causing said message to be transmitted to a root user interface object hosted in a window tree maintained by said new window manager.

13. A computer implemented method for hosting a legacy user interface object originally intended for use in a windows-based legacy window manager in a windows-based new window manager, comprising:

providing a software bridge between said legacy window manager and said legacy user interface object that allows said legacy user interface object to function in a computer that includes said new window manager and said legacy window manager;

intercepting a message at said software bridge intended for said legacy user interface object;

determining whether said message should be forwarded to said new window manager;

Art Unit: 2194

in response to determining that said message should be forwarded, forwarding said message to a root user interface object hosted in a window tree maintained by said new window manager;

routing said message from said root user interface object down said window tree to an adapter control associated with said legacy user interface object;

processing said message at said adapter control;

forwarding said message from said adapter control to a procedure originally intended to handle said message;

routing said message from said adapter control to a listener object attached to said adapter control;

determining whether said message has been completely handled; and

in response to determining that said message has not been completely handled, routing said message from said adapter control up said window tree maintained by said new window manager so that parent objects of said adapter control in said window tree may process said message.

21. A computer-readable medium having computer executable instructions that when executed on a computing device carries out a computer implemented method for hosting a legacy user interface object intended for use in a legacy window manager in a windows-based new window manager, comprising:

Art Unit: 2194

providing a software bridge between said legacy window manager and said legacy user interface object that allows said legacy user interface object to operate in a computer that includes said new window manager and said legacy window manager;

intercepting a message at said software bridge intended for said legacy user interface object;

determining whether said message should be forwarded to said legacy window manager;

in response to determining that said message should be forwarded, causing said message to be transmitted to said legacy window manager;

in response to determining that said message should not be forwarded to said legacy window manager, forwarding said message to a procedure originally intended to handle said message and wherein forwarding said message comprises causing said message to be transmitted to a root user interface object hosted in a window tree maintained by said new window manager.

### ***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li B. Zhen whose telephone number is (571) 272-3768. The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

Art Unit: 2194

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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